

Claims

- [c1] 1. An armature construction for a rotating electrical machine comprised of a core consisting of a plurality of laminated plates having a circular member from which a plurality of pole teeth radially extend, a pair of insulators positioned on opposite axial sides of said core and having tooth engaging portions encircling said pole teeth to receive coil windings, a wiring base positioned on one axial side of one of said insulators, said wiring base being made from an insulating material and adapted to receive the wire ends of the coil windings, and interconnecting members formed on said one insulator and said wiring base for connecting said wiring base in a predetermined axial, radial and circumferential position.
- [c2] 2. An armature construction as set forth in claim 1 wherein the interconnecting members comprise a pair of interconnecting elements, one on each of the one insulator and the wiring base.
- [c3] 3. An armature construction as set forth in claim 1 wherein there are a plurality of circumferentially spaced interconnecting members.

- [c4] 4. An armature construction as set forth in claim 3 wherein each of the interconnecting members comprise a pair of interconnecting elements, one on each of the one insulator and the wiring base.
- [c5] 5. An armature construction as set forth in claim 2 wherein the interconnecting elements are engageable upon relative axial movement of the wiring base and the insulator in one direction and once engaged prevent relative movement in a direction opposite the one direction.
- [c6] 6. An armature construction as set forth in claim 5 wherein the interconnecting elements comprise a barbed hook and a receiver therefore.
- [c7] 7. An armature construction as set forth in claim 6 wherein there are a plurality of circumferentially spaced interconnecting members.
- [c8] 8. An armature construction as set forth in claim 1 wherein there is further provided on the wiring board and the insulator a cooperating cylindrical flange and circumferentially spaced interengaging shoulders for assisting in the radial positioning.
- [c9] 9. An armature construction as set forth in claim 8 wherein the interconnecting members comprise a pair of interconnecting elements, one on each of the one insula-

tor and the wiring base.

- [c10] 10. An armature construction as set forth in claim 8 wherein there are a plurality of circumferentially spaced interconnecting members.
- [c11] 11. An armature construction as set forth in claim 10 wherein each of the interconnecting members comprise a pair of interconnecting elements, one on each of the one insulator and the wiring base.
- [c12] 12. An armature construction as set forth in claim 9 wherein the interconnecting elements are engageable upon relative axial movement of the wiring base and the insulator in one direction and once engaged prevent relative movement in a direction opposite the one direction.
- [c13] 13. An armature construction as set forth in claim 12 wherein the interconnecting elements comprise a barbed hook and a receiver therefore.
- [c14] 14. An armature construction as set forth in claim 13 wherein there are a plurality of circumferentially spaced interconnecting members.